

Poly-Technical Solutions, Ltd.

506173 -00

8 June 2018

Aline Heffernan
Regulatory Management Branch 1
Antimicrobials Division
Office of Pesticide Programs
703-347-8602

Subject: Study Submittal

Dear Aline,

Poly-Technical Solutions formally submits to the U.S. Environmental Protection Agency the Following Study:

Daphnia magna 48-Hour Acute Toxicity Test

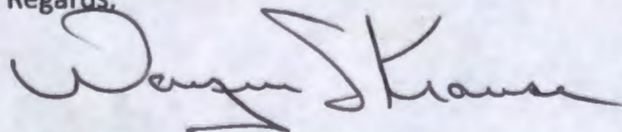
The study was conducted in accordance with the submitted and EPA reviewed Protocol. The conduct of the study also included additional guidance from the EPA review of the proposed Protocol whenever possible. As you well know, current EPA guidelines for many of the required studies have been for the most part considered inappropriate as is and have been modified to include Nanosilver based chemicals.

With the above in mind, we are in the process of preparing several additional studies for submission which should be considered when reviewing the Daphnia maga 48 Hour Acute Toxicity Test. These studies include Characterization, Particle Size, Particle Size Distribution, Zeta Potential and Particle Dissolution. These Studies were conducted to support the EPA's request that this data be provided in the Daphnia Study. However, this was not possible since no one facility can conduct these studies in one location or simultaneously. Therefore, we are submitting them separately but in consideration of the Daphnia Study.

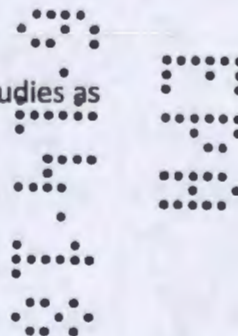
You should receive addition Studies within 3-5 Days.

Thanks, and we look forward to receiving the Agency's expeditious review of these studies as discussed during our conference call in November 2017.

Regards,



Wayne Krause
President, Poly-Technical Solutions Ltd.
973-508-5330



Poly-Technical Solutions, Ltd.

19 June 2018

Aline Heffernan
Regulatory Management Branch 1
Antimicrobials Division
Office of Pesticide Programs
703-347-8602

Subject: Study Submittal

Dear Aline,

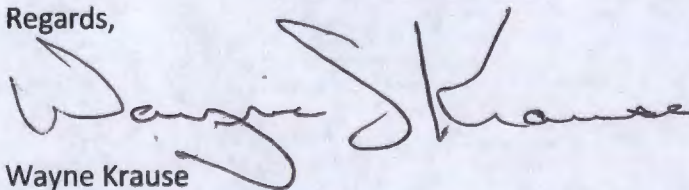
Poly-Technical Solutions formally submits to the U.S. Environmental Protection Agency the following Non-Guideline Study in support of "New Chemical" registration for NSPW-L30SS:

Characterization of Dispersion and Dissolution Properties of NSPW-L30SS

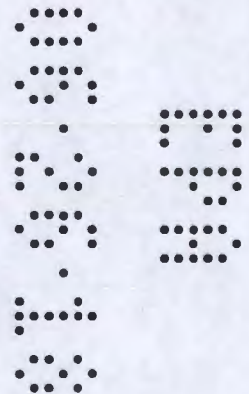
The study was conducted as a non-guideline study but in consideration of recommendations made by the agency. Most importantly, is that the stock solution for this study was prepared in accordance with the stock solution used in the previously submitted *Daphnia magna* 48-Hour Acute Toxicity Test using the same Batch of NSPW-L30SS.

Thanks, and we look forward to receiving the Agency's expeditious review of these studies as discussed during our conference call in November 2017.

Regards,



Wayne Krause
President, Poly-Technical Solutions Ltd.
973-508-5330



TRANSMITTAL DOCUMENT

Name and Address of Submitter:

Poly-Technical Solutions Ltd.
180 Fairway Dr.
Newnan, GA. 30265

Regulatory action in support of
which this package is submitted:
EPA Reg. No./File Symbol:

Application for Registration of NSPW

No. 84610-2

Alternate Test Material Names:

Covalently bonded Silver-Silica Colloid in aqueous solution.

Transmittal Date:

07/06/2018

Administrative Materials

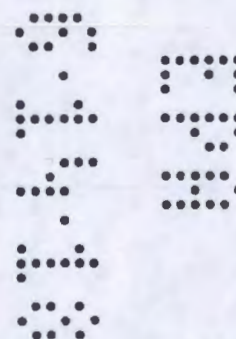
Transmittal Document
Cover Letter

Volume No.	Citation	MRID Number
1	Janelle Mikulas, PhD. Study Number: 21452-17, Daphnia magna 48-Hour Acute Toxicity Test (OCSP 850.1010), 45 pages, 3 Copies.	

506 173-01

Company Official:
Company Name:
Company Contact:

Wayne Krause, President
Poly-Technical Solutions Ltd.
Wayne Krause, (973) 508 5330, wkrause63@hotmail.com



9273

TRANSMITTAL DOCUMENT

Name and Address of Submitter: Poly-Technical Solutions Ltd.
180 Fairway Dr.
Newnan, GA. 30265

Regulatory action in support of which this package is submitted: **Application for Registration of NSPW**
EPA Reg. No./File Symbol: No. 84610-2

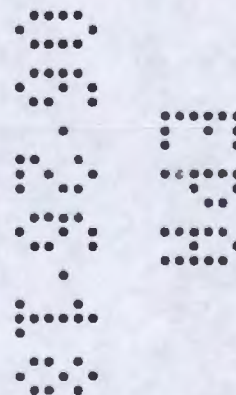
Alternate Test Material Names: Covalently bonded Silver-Silica Colloid in aqueous solution.

Transmittal Date: 19 June 2018

Administrative Materials

Transmittal Document
Cover Letter

Volume No.	Citation	MRID Number
1	Jie Xu, Study Number: D8510000, Dispersion and Dissolution Characterization of NSPW-L30SS, Non-guideline Study, 32 pages, 3 Copies.	506173-02



Company Official: Wayne Krause, President
Company Name: Poly-Technical Solutions Ltd.
Company Contact: Wayne Krause, (973) 508 5330, wkrause63@hotmail.com